

ABSTRACT OF THE INVENTION

Chimeric ebola envelope proteins and uses therefore are described. The chimeric envelope proteins are useful for packaging viral vectors and targeting these 5 vectors *in vivo*, to lung cells following intratracheal delivery or for delivery of molecules, *ex vivo*, to macrophages and dendritic cells. In another aspect, also provided herein are immunogenic compositions which contain ebola envelope proteins and uses thereof.

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(54) Title: CHIMERIC EBOLA VIRUS ENVELOPES AND USES THEREFOR

(57) Abstract: Chimeric ebola envelope proteins and uses therefore are described. The chimeric envelope proteins are useful for packaging viral vectors and targeting these vectors *in vivo*, to lung cells following intratracheal delivery or for delivery of molecules, *ex vivo*, to macrophages and dendritic cells. In another aspect, also provided herein are immunogenic compositions which contain ebola envelope proteins and uses thereof.